[Method for automatically updating a network ciphering key]

Abstract of Disclosure

A method for automatically updating a ciphering key used in a network system. The network system has a server, an access point connected to the server, a station, and a counting module. The access point is used to transmit data received from the server via wireless transmission, and receive data transmitted via wireless transmission. The access point uses a first ciphering key to encrypt transmission data. The method includes: detonating the counting module to start counting the time; randomly generating a second ciphering key if the time counted by the counting module conforms to a predetermined time; the access point transmitting the second ciphering key to the station so as to update the first ciphering key stored in the station with the second ciphering key; and using the second ciphering key to encrypt data transmitted between the access point and the station.

Figures